

CURRICULUM VITAE

MICHAEL C. ALFANO, D.M.D., Ph.D.

I. PERSONAL DATA

Date of Birth:

Present Position:

Dean
College of Dentistry
New York University
345 E. 24th Street
New York, NY 10010

II. EDUCATION

Rutgers University
Newark, NJ

1965-1967 Biology

University of Medicine &
Dentistry of New Jersey
Jersey City, New Jersey

1967-1971 D.M.D.

Harvard University
School of Dental Medicine
Boston, Massachusetts

1971-1973 Trainee in Periodontics

Massachusetts Inst. Of Technology
Dept. of Nutrition & Food Science
Cambridge, Massachusetts

1971-1974 Ph.D.
(Nutritional Biochemistry & Oral Biology)

Fairleigh Dickinson University
School of Dentistry
Hackensack, New Jersey

1974-1976
Certificate in Periodontics

III. AREAS OF INTEREST

Enhancing Oral and General Health through Better Therapy, Public Education, and Challenging the Dental Profession

Promotion of Improved Interactions Among Academic, Industrial and Government Scientists, the Regulatory Agencies and the Public

Evaluation of New Products for the Personal Care, Dental, and Pharmaceutical Industries

Pathogenesis and Therapy of Periodontal Disease; Nutrition in Oral Health

IV. HONORS

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- 1967 Health Professions Scholarship Award (4 years)
1969 Faculty Scholarship Award. New Jersey Dental School
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- 1971 Block Drug Essay Award
1971 Senior Award for Correlation of Basic and Clinical Studies
1971 Omicron Kappa Upsilon (National Dental Honor Fraternity)
1971 NIH Post-Doctoral Fellowship Award (3 years)
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- 1974 Listed in: American Men and Women of Science
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- 1976 Certificate for Excellence in the Teaching of Periodontics. Awarded by Class of 1976, Fairleigh Dickinson University
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- 1977 Listed in: Who's Who in Health Care
1977 Listed in: American Men and Women of Science: Consultants
1978 National Achievement Award, Student Clinicians of the American Dental Association
1978 Listed in: Distinguished Leaders in Health Care
1979 Listed in: Who's Who in World Medicine
1980 Awarded tenure, Fairleigh Dickinson University
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- 1980 Elected to American Institute of Nutrition, FASEB
1980 Appointed Professorial Lecturer, Georgetown University School of Dentistry
1981 Appointed to Science Advisory Council, Office of the Governor, State of New Jersey
1981 Appointed Visiting Professor, National Dairy Council
1982 Listed in: Who's Who in Technology Today
1982 Awarded Fellowship in the American College of Dentists
1983 Listed in: Who's Who in Frontier Science and Technology
1985 President, New Jersey Section, American Association for Dental Research
1986 Distinguished Alumnus Award-University of Medicine and Dentistry of New Jersey
1988 Appointed Trustee - Foundation of the University of Medicine and Dentistry of New Jersey
1988 Awarded Honorary Membership, American College of Prosthodontists
1988 Elected Member, Board of Directors, Block Drug Company
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- 1989 Distinguished Alumnus Award - Fairleigh Dickinson University Post-Graduate Periodontics
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- 1990 Member, Advisory Board, Columbia University, School of Dental & Oral Surgery
1991 Listed in: Who's Who in Science and Engineering
1992 Member - Board of Overseers, Forsyth Dental Center, Boston, MA
1992 Member, Board of Overseers, School of Dental Medicine, University of Pennsylvania
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- 1994 Appointed to: National Advisory Dental Research Council, National Institutes of Health
1998 Distinguished Alumnus Award, Harvard University, School of Dental Medicine

V. FULL TIME ACADEMIC AND INDUSTRIAL POSITIONS

1974 - 1977	Assistant Professor Department of Periodontics and Oral Medicine Fairleigh Dickinson University School of Dentistry
1974 - 1981	Director, Periodontal Research
1975 - 1978	Chairman, Graduate Oral Biology Division of Oral Biology
1975 - 1980	Director, Nutrition Education Program
1977 - 1980	Associate Professor Department of Periodontics and Oral Medicine
1977 - 1982	Director, Oral Health Research Center
1980 - 1982	Professor (tenured) Department of Periodontics and Oral Medicine
1981 - 1982	Assistant Dean for Postgraduate Affairs and Research
1982 - 1985	Vice President - Dental Research Block Drug Company, Inc. Jersey City, New Jersey
1985 - 1988	President, Block Professional Dental Products Company Block Drug Company, Inc. Jersey City, New Jersey
1985 - 1988	Dental Affairs Advisor, Office of the Chief Executive Block Drug Company, Inc.
1987 - 1998	Senior Vice President, Research & Technology Block Drug Company, Inc.: Responsibility for Pharmaceutical R&D, Consumer Products R&D, and Worldwide Corporate Quality
1988 - 1998	Scientific Affairs Advisor Office of the Chief Executive Block Drug Company, Inc.
1988 - 1998	Member, Board of Directors Block Drug Company, Inc.
1990 - 1998	Consultant, Office of the Chief Executive Block Drug Company, Inc.

Block/Chemex Joint Venture in Dermatology

1998 - Present Professor of Periodontics and Basic Sciences
College of Dentistry, New York University

1998 - Present Dean
College of Dentistry, New York University

VI. OTHER PROFESSIONAL EXPERIENCE

1971 - 1974	Private Practice of General Dentistry (part-time) 328 Main Street, North Andover, Massachusetts
1972 (summer)	Dental Consultant, Finca San Luis Field Study Institute of Nutrition of Central America and Panama Guatemala, Central America
1975 - 1981	Consultant, NIH Grants at the following Institutions: Medical College of Virginia; University of Kentucky; Rutgers University
1976	Expert Witness, Representing Warner-Lambert Co. Hearings on Food and Drug Advertising Rule Federal Trade Commission, Washington, DC
1976 - 1978	Consultant, Oral Biology and Medicine Study Section and Dental Research Institutes Special Program Advisory Committee, National Institute of Dental Research, Bethesda, Maryland
1976 - 1978	Private Practice of Periodontics (part-time) 77 N. Dean Street, Englewood, New Jersey
1976 - 1977	Consultant "Food Patterns and Dental Nutrition" American Dental Association Film Series. Professional Research Inc., Los Angeles, California
1976 - 1982	Consultant and Site Visit Chairperson Numerous Extramural Program Site Visits National Institute of Dental Research
1976 - 1982	Consultant, Oral Health Care Products and Nutrition Periodic assignments for fifteen major food and drug companies, and public relations firms

1977	Consultant, Nutrition Research Program Center for Research in Oral Biology University of Washington, Seattle, Washington
1977	Expert Witness, Representing the NDMA Food & Drug Administration OTC Review Panel on Dentifrices Rockville, Maryland
1977 - 1981	Consultant, Periodontics and Nutrition Veterans Administration Hospital, Lyons, New Jersey
1977 - 1982	Periodic reviews for: <u>Archives of Oral Biology; American Journal of Clinical Nutrition; Oral Surgery, Oral Medicine, Oral Pathology; Journal of Dental Research</u>
1978 - 1981	Member, Special Grants Review Committee National Institute of Dental Research, Bethesda, Maryland
1979	Invited Participant, Seminar on Food Law Grocery Manufacturers Association, Scottsdale, Arizona
1979	Expert Witness, Federal Trade Commission Hearings on TV Advertising to Children, Washington, DC
1979 - 1981	Co-Chairman, Fourth and Fifth Annual Workshops Foods, Nutrition and Dental Health Program American Dental Association, Chicago, Illinois
1980 - 1985	Private Practice of Periodontics (part-time) Franklin Lakes, New Jersey
1980 - 1982	Consultant, Council on Dental Therapeutics and Council on Dental Research, American Dental Association
1980 - 1982	Consultant, Dental Health International Life Sciences Institute
1980 - 1982	Member, Committee on Nutrition New York Academy of Medicine
1981 - 1982	Chairman, Sixth Annual Workshop Foods, Nutrition and Dental Health, ADA
1981 - 1984	Member, Science Advisory Council Office of the Governor, State of New Jersey
1982 - 1986	Member, Foods, Nutrition and Dental Health Advisory Committee, ADA

(Chairman, 1984)

- 1982 - 1988 Visiting Scientist, Oral Health Research Center
Fairleigh Dickinson University, Hackensack, New Jersey
- 1985 - 1986 Private Practice of Periodontics (part-time)
Wyckoff, New Jersey
- 1985 - 1998 Adjunct Professor of Periodontics
University of Medicine & Dentistry of New Jersey
- 1987 - Present Editorial Board, American Journal of Dentistry
Mosher and Linder, Inc. (Publisher)
- 1988 - 1998 Trustee - Foundation of the Univ of Medicine & Dentistry of New Jersey
Chair, Program Committee, 1990 - 1996;
Chair, Scholarship Committee, 1997 - 1998
- 1990 - 1998 Member, Advisory Board, Columbia University
School of Dental and Oral Surgery
- 1992 - 1998 Member, Board of Overseers, Forsyth Dental Center
Boston, Massachusetts
- 1992 - Present Member, Board of Overseers, School of Dental Medicine
University of Pennsylvania
- 1994 - Present Consultant, Council on Dental Research
American Dental Association
- 1997 - Present Founding Director, Santa Fe Group
- 1998 - Present Founding Director, and Secretary, Friends of the NIDCR
Secretary (1998-1999)
- 1998 Member, Search Committee for Director of Extramural Research,
National Institute of Dental and Craniofacial Research
- 1999 - Present Chair, NIH Consensus Conference
"Diagnosis and Management of Dental Caries Throughout Life"
December 11-13, 2000
- 1999 - Present Member, Future of Dentistry Committee
American Dental Association
- 1999 - Present Member, Medical Advisory Committee
Office of the Governors, State of New York

VII. MEMBERSHIP IN PROFESSIONAL SOCIETIES

American Association for Dental Research
American Association of Dental Schools
American College of Dentists
American Dental Association
American Institute of Nutrition
Federation of American Societies of Experimental Biology
International Association for Dental Research
New York Academy of Dentistry
Northeastern Society of Periodontists
Student Clinicians of the American Dental Association

VIII. RESEARCH SUPPORT

Program Director, "Short-Term Research Training for Dental Students," USPHS, Grant No. DE07121 (August 1981 - April 1986)

Program Director, "Clinical Evaluation of Oral Rinse," Warner-Lambert Company (November 1980 - October 1981)

Principal Investigator, "Public Policy Issues in Nutrition Research and Education," The Alfred P. Sloan Foundation (June 1979 - December 1980)

Principal Investigator, "Biomedical Research Development Grant," USPHS, Grant No. S08 PR09117 (September 1978 - October 1981)

Co-Principal Investigator, "Folate Deficiency and In Vitro Palatogenesis," USPHS, Grant No. DE05301 (June 1978 - May 1981)

Principal Investigator, "Effect of Early Dietary Deficiencies on Resistance to Oral Disease," William Lightfoot Schultz Foundation (January 1978 - December 1980)

Principal Investigator, "Modification of Permeability of the Gingival Crevicular Epithelium," USPHS, Grant No. DE04480 (June 1976 - May 1979)

Principal Investigator, "H₂O₂ and Gingivitis in Beagle Dogs," Lever Brothers Company (May 1978 - April 1981)

Co-Principal Investigator, "Clinical Evaluation of Strontium Chloride Dentifrice," Block Drug Company (May 1978 - April 1979)

Principal Investigator, "Oral Health Institute Planning Grant," Schultz Foundation (August 1976 - July 1977)

Principal Investigator, "Nutritional Modulation of Oral Mucosal Permeability," USPHS, Grant No.

DE04228 (May 1975- April 1979) —

Co-Principal Investigator, "Efficacy of the Rubber Tip Interdental Stimulator," Block Drug Company (July 1976 - June 1977). —

Co-Principal Investigator, "Role of Bacterial Endotoxin in Inflammatory Periodontal Disease," USPHS, Grant No. DE03770 in collaboration with — University of Kentucky (November 1974- October 1978) —

Co-Principal Investigator, "Chewing Gum Abrasive Plaque Study," Warner-Lambert Company (July 1975 - August 1976) —

Investigator Siliconized Dental Floss Study," Block Drug Company (July 1974 - August 1976)

IX. NATIONAL COMMITTEES

A. American Academy of Periodontology

Subcommittee on Research Forum, 1977-1980; 1984-1986

B. American Dental Association

Organizing Committee, Third, Fourth, Fifth, and Chairman, Sixth Annual Workshops on Food, Nutrition and Dental Health, 1979-1981, ADA Research Institute

Foods, Nutrition and Dental Health Program Advisory Committee, ADA Research Institute, 1982-1986 (Chairman, 1984)

C. American Fund for Dental Health

Member, Grants Review Committee, 1990-1992

Member, Colloquium on the Future of Dentistry, 1990

D. American Academy of Pedodontics

Chairman, Ad-Hoc Committee on Nutrition Learning Systems, 1978-1979

E. International Association for Dental Research

Local Arrangements Committee
1975 AADR Meeting, New York, NY

National Affairs Committee
American Association for Dental Research
1978-1981

Chairperson, Session on Periodontal Research:
Endocrines, Nutrition and Metabolism
1978 IADR Meeting, Washington, DC

Co-Chairman, Session on Cariology; Nutrition, Model Systems
1979 IADR Meeting, Los Angeles, California

Chairperson, Symposium:
"Grants and Fellowships: Clinical Investigators/Young Investigators"
1980 AADR Meeting, Los Angeles, California

6. NATIONAL INSTITUTES OF HEALTH

NIDR Special Grants Review Committee, 1978-1981

National Advisory Dental Research Council, NIH, Bethesda, MD 1994-1998

NIH Consensus Conference Chairperson, "Diagnosis and Management of
Dental Caries Throughout Life", December 2000

7. NEW YORK UNIVERSITY

University Senate
University Compliance Committee

10. PUBLICATIONS

A. ORIGINAL SCIENTIFIC REPORTS

Alfano, M.C.: "The Origin of Gingival Fluid" J. Theoretical Biol. 47: 127-136, 1974

Alfano, M.C., Morhart, R., Metcalf, G. and Drummond, J.F.: "Presence of Collagenase from
Clostridium Histolyticum in Gingival Sulcal Debris of a Primitive
Population" J. Dent. Res. 53:142, 1974

Alfano, M.C.: "The Effect of Ascorbic Acid Deficiency on the Barrier Function of Guinea-
Pig Oral Mucosal Epithelium" Doctoral Thesis, 1974. Institute Archives,
Massachusetts Institute of Technology

Alfano, M.C., Drummond, J.F., and Miller, S.A.: "Technique for Studying the Dynamics of
Oral Mucosal Permeability in Vitro" J. Dent. Res. 54: 194, 1975

Alfano, M.C., Miller, S.A., Drummond, J.F.: "Effect of Ascorbic Acid Deficiency on the
Permeability and Collagen Biosynthesis of Oral Mucosal Epithelium" Ann. NY
Acad. Sci. 258:253-263, 1975

Alfano, M.C., Drummond, J.F., and Miller, S.A.: "Localization of the Rate-Limiting Barrier

to the Penetration of Endotoxin through Non-Keratinized Oral Mucosa In Vitro" J. Dent. Res. 54: 1180-1182, 1975

Inouye, L., Miller, S.A. and Alfano, M.C.: "The Lingual Ascorbic Acid Test: Lack of Correlation with Blood and Tissue Levels of Ascorbic Acid in Guinea-Pigs" J. Dent Res. 54:1143-1148, 1975

Alfano, M.C.: "The Role of the Host in Periodontal Disease" J. West. Soc. Perio. 23:105-107, 1975

Alfano, M.C.: "Controversies, Perspectives and Clinical Implications of Nutrition in Periodontal Disease" Dent. Clin. North Amer. 20:519-548, 1976

DePaola, D.P. and Alfano, M.C.: "Tri-Phasic Nutritional Analysis" Dent. Clin. North Amer. 20: 613-633, 1976

Alfano, M.C., Kaslick, R.S., Chasens, A.I. and Brownstein, C.N.: "Passively Generated Increase in Human Gingival Crevicular Fluid Flow" J. Dent. Res. 55:1132, 1976

DePaola, D.P. and Alfano, M.C.: "Nutrition and Oral Health" Nutrition Today 12:6-32, 1977

Feingold, J., Chasens, A.I., Doyle, J.L. and Alfano, M.C.: "Preserved Scleral Allografts in Periodontal Defects in Man" J. Periodont. 48:4-12, 1977

Alfano, M.C., Chasens, A.I. and Masi, C.W.: "Autoradiographic Study of the Penetration of Radiolabelled Dextrans and Inulin through Non-Keratinized Oral Mucosa In Vitro" J. Periodont. Res. 12:368-377, 1977

Alfano, M.C.: "Prospective Improvements in the Prevention of Periodontal Disease" J. Prev. Dent. 5:26-29, 1978

Alfano, M.C., DePaola, D.P.: "Methods for Assessing Nutritional Status in Dental Practice" Quintessence Int. 9:115-125, 1978

Alfano, M.C.: "Effect of Acute Ascorbic Acid Deficiency on the DNA Content and Permeability of Guinea-Pig Oral Mucosal Epithelium" Archs. Oral Biol. 23:929-932, 1978

Gillespie, B.R., Chasens, A.I., Brownstein, C.N. and Alfano, M.C.: "Relationship Between the Mobility of Human Teeth and Their Supracrestal Fiber Support" J. Perio. 50:120-124, 1979

Saroff, S., Alfano, M.C., Chasens, A.I. and King, W.: "Sonicated Passively Dispersed Hydrogen Peroxide in Periodontitis: Effects on Clinical Parameters and Myeloperoxidase Activity" J. Perio. Res. 15:216-222, 1980

Alfano, M.C.: "Nutrition, Sweeteners and Dental Caries" J. Food Tech. 34:70-74, 1980

- Vogel, R.I., Deasy, M.J., Alfano, M.C. and Schneider, L.C.: "Effect of Folic Acid on Gingival Health in Women Taking Contraceptives" J. Prev. Dent. 6:221-227, 1980
- Alfano, M.C.: "Diet and Nutrition in the Etiology and Prevention of Oral Disease" J. Dent. Res. 59:2194-2202, 1980
- Alfano, M.C.: "Dental Caries: The Nature of the Problem" Cereal Foods 26:5-9, 1981
- Vogel, R.I., Alfano, M.C. and Manhold, J.H.: "The Effect of Intrasulcular Brushing on Sulcular Epithelial Permeability" J. Periodont. 52:224-250, 1981
- Alfano, M.C.: "Nutrition in Dental Practice: A Plea for Sanity" New York State Dent. J. 47:450-452, 1981
- Ritchey, T.W., Lamster, I.B., Mann, P.H. and Alfano, M.C.: "The Effect of Zinc Chloride on the Development of Gingivitis in Beagle Dogs Treated with Cetylpyridinium Chloride" J. Dent. Res. 61:1217-1220, 1982
- Lamster, I.B., Alfano, M.C., Seiger, M.C., Gordon, J.M.: "The Effect of Listerine Antiseptic on Reduction of Existing Plaque and Gingivitis" Clin. Prev. Dent. 5:12-16, 1983
- Howell, T.H., Reddy, M.S., Li, K.L., Alfano, M.C., Weber, H.P., Kaplan, M.C., Vogel, R., Williams, R.C.: "Inhibition of Plaque Formation, Prevention and Treatment of Gingivitis with Sulfadiazines in Beagles" J. Dent. Res. 68 (Spec. Issue): 1712-1713, 1989
- Howell, T.H., Reddy, M.S., Weber, H.P., Li, K.L., Alfano, M.C., Vogel, R., Tanner, A.C.R., Williams, R.C.: "Sulfadiazines Prevent Plaque Formation and Gingivitis in Beagles" J. Periodont. Res. 25:197-200, 1990
- Howell, T.H., Reddy, M.S., Weber, H.P., Li, K.L., Alfano, M.C., Vogel, R., Tanner, A.C.R., and Williams, R.C.: "Sulfadiazines Reduce Gingivitis and Plaque Formation in Beagle Dogs" J. Clin. Periodontol. 17:734-737, 1990
- Smith, M.A., Braswell, L.D., Collins, J.G., Boyd, D.L., Jeffcoat, M.K., Reddy, M., Li, K.L., Wilensky, S., Vogel, R., Alfano, M.C. and Offenbacher, S.: "Changes in Inflammatory Mediators in Experimental Periodontitis in the Rhesus Monkey" Infection and Immunity 61:1453-1459, 1993
- Li, K.L., Vogel, R., Jeffcoat, M.K., Alfano, M.C., Smith, M.A., Collins, J.G., Offenbacher, S.: "The Effects of Ketoprofen Creams on Periodontal Disease in Rhesus Monkeys" J. Periodont. Res. 31:525-531, 1996
- Khandwala, A., Van Inwegen, R.G., Alfano, M.C.: "5% Amlexanox Oral Paste A New

Treatment for Recurrent Minor Aphthous Ulcers I. Clinical Demonstration of Acceleration of Healing and Resolution of Pain" Oral Surg Oral Med Oral Path Oral Radiol Endod 83:222-230, 1997

Khandwala, A., Van Inwegen, R.G., Charney, M.R. Alfano, M.C.: "5% Amlexanox Oral Paste A New Treatment for Recurrent Minor Aphthous Ulcers II. Pharmacokinetics and Demonstration of Clinical Safety" Oral Surg Oral Med Oral Path Oral Radiol Endod 83:231-238, 1997

B. ABSTRACTS

Alfano, M.C.: "Evidence for Peripheral dominance of the Nervous System," Student Research Program, Abst. #1, College of Medicine and Dentistry of New Jersey, 1968

Alfano, M.C.: "Clinical Aspects of Composite Resins," Student Research Program, Abst. #1, College of Medicine and Dentistry of New Jersey, 1970

Alfano, M.C., Drummond, J.F., and Miller, S.A.: "Separation of Mucosal Epithelium from Connective Tissue by EDTA, Elastase or Collagenase." IADR Program and Abstracts, Abst. #772, Atlanta, Georgia, 1974

Alfano, M.C., Miller, S.A., and Drummond, J.F.: "Ascorbic Acid in Relation to Membrane Permeability to Toxins," International Conference on Vitamin C, Abst. #23, New York Academy of Sciences, New York, NY, 1974

Alfano, M.C., Miller, S.A., and Drummond, J.F.: "Role of Ascorbic Acid in the Biosynthesis of Basement Membrane Collagen," IADR Program and Abstracts, Abst. #1428, London, England, 1975

Applebaum, J., Alfano, M.C., Golub, L., Kaslick, R.S., and Chasens, A.I.: "Collagenase Activity in Gingival Fluid from Normal, Periodontitis and Periodontosis Subjects" IADR Program and Abstracts, Abst. #16, Miami, Florida, 1976

Alfano, M.C., Chasens, A.I. and Masi, C.W.: "Penetration of Radiolabelled Macromolecules through Oral Mucosal Epithelium In Vitro," IADR Program and Abstracts, Abst. #76, Miami, Florida 1976

Alfano, M.C., Fine, D. and Masi, C.W.: "Quantitative Determination of Sulcular Permeability in the Beagle Dog" J. Dent. Res. 57 (Spec. Issue A): Abst. #260, 1978

Borzemsky, G., Alfano, M.C. and Freund, T.S.: "Characterization of Oral Mucosal Permeability" J. Dent. Res. 57 (Spec. Issue A): Abst. #590, 1978

Drummond, J.F., Faraci, J.P., Page, L.R., and Alfano, M.C.: "Isolation and Characterization of

- Alfano, M.C. and Masi, C.W.: "Effect of Acute Folic Acid Deficiency on Oral Mucosal Permeability" J. Dent. Res. 57 (Spec. Issue A): Abst. #949, 1978
- Saroff, S., Alfano, M.C., Ewen, S., Chasens, A.I. and King, W.: "Effect of Sonicated Hydrogen Peroxide on Gingival Fluid Flow and Myeloperoxidase Activity" J. Dent. Res. 57 (Spec. Issue A): Abst. #117, 1978
- Freund, T.S., Simon, M., Colomeo, K. and Alfano, M.C.: "Calcium Accumulation in Actinomyces Viscosus" J. Dent. Res. 58 (Spec. Issue A): Abst. #340, 1979
- Drummond, J.F., Page, L.R., and Alfano, M.C.: "Penetration of ¹⁴C Labeled Endotoxin from Oral Bacteria" J. Dent. Res. 58 (Special Issue A): Abst. #1327, 1979
- Alfano, M.C., Sintes, J., and DePaola, D.P.: "Effect of Marginal Dietary Iron Deficiency During Development on Caries Susceptibility in Rats" J. Dent Res. 58 (Spec. Issue A): Abst. #177, 1980
- Sintes, J., Freund, T. and Alfano, M.C.: "Influence of Dietary Calcium Deficiency on Rat Caries" J. Dent. Res. 59 (Special Issue A): Abst. #188, 1980
- Drummond, J.F., Masi, C.W. and Alfano, M.C.: "Endotoxin Penetration Through Beagle Dog Sulcular Tissues In Vitro" J. Dent. Res. 59 (Special Issue A): Abst. #3350, 1980
- Alfano, M.C., Chasens, A.I., and Masi, C.W.: "Modification of Gingival Sulcular Permeability In Vitro" J. Dent. Res. 59 (Special Issue A): Abst. #466, 1980
- Ritchey, T.W., Ewen, S., Michunas, E. and Alfano, M.C.: "Efficacy of Several Antimicrobial Agents in the Beagle Dog" J. Dent. Res. 59 (Special Issue A): Abst. #1066, 1980
- Vogel, R.I., Alfano, M.C., Manhold J. and Minichetti, J.: "Effect of Intrasulcular Brushing on Sulcular Epithelial Permeability" J. Dent. Res. 59 (Special Issue A): Abst. #1073, 1980
- Alfano, M.C.: "Diet and Nutrition in the Etiology of Oral Disease" International Congress on Oral Biology Program Abstracts: Abst. #15, 1980
- Sintes, J., Alfano, M.C., and DePaola, D.P.: "Dental Caries Experience of Rats Fed High Carbohydrate Nutritionally Adequate Diet" J. Dent Res. (Special Issue B): Abst. #322, 1980
- Ritchey, T., Lamster, I., Mann, P. and Alfano, M.C.: "Treatment of Gingivitis with CPC and ZnCl₂" J. Dent. Res 61: Abst. #521, 1982

Capozella, M., Lamster, I., Alfano, M.C.: "Effect of Listerine Antiseptic on Existing Plaque and Gingivitis" J. Dent. Res. 61: Abst. #1293, 1982

Sintes, J., Kreutler, P., Alfano, M.C., and DePaola, D.P.: "Cariogenic Potential of Fruits After Program Feeding and Dietary Intubation" J. Dent. Res. 61: Abst. #1338, 1982

Howell, H., Reddy, M., Li, K., Alfano, M.C., Weber, H., Kaplan, M., Vogel, R. and Williams, R. (Harvard School of Dental Medicine, Boston, MA; Block Drug Company, Inc., Jersey City, NJ): "Prevention or Treatment of Plaque Formation and Gingivitis with Sulfadiazines in Beagles" ICOB Meeting, Hong Kong, 1988

Jeffcoat, M.K., Alfano, M.C., Smith, M.A., and Offenbacher, S., Li, K., Vogel, R.: "Effects of Ketoprofen Creams on Periodontal Disease in Rhesus Monkeys" J. Dent. Res. 71 (Spec. Issue): Abst. #1706, 1992

C. : TEXTS, BOOK CHAPTERS AND MAGAZINE ARTICLES

Alfano, M.C. "Periodontology: Gateway to Stomatologic Dentistry." Dent. Student 50:20, 1972

Alfano, M.C. "Nutrition in the Dental School Curriculum." The DIALOG 7:2-7, 1975

Alfano, M.C., and DePaola, D.P. (Editors) "Symposium on Nutrition" Dental Clinics of North America, Vol. 20. W.B. Saunders Co., Philadelphia, PA 1976

Alfano, M.C. "Oral Health Research Center: Development." The DIALOG 10:2-7, 1978

Alfano, M.C., and DePaola, D.P. "Nutrition" in L. Boucher (Ed.): A Comprehensive Review of Dentistry W.B. Saunders Co., Philadelphia, PA, pp. 363-370, 1979

Modrow, C., DePaola, D.P. and Alfano, M.C. "Nutrition Counseling in a Preventive Practice," in DePaola and Cheney (Eds.) Handbook of Preventive Dentistry Publishing Sciences Group, Littleton, MA, pp. 103-146, 1979

Alfano, M.C. "Nutrition Education in Dentistry: A Rationale" in DePaola, D.P., Witteman, J. and Modrow, C. (Eds.) Symposium on Nutrition Education in Dentistry MCV Press, Richmond, VA, pp. 9-19, 1979

Alfano, M.C. "Nutrition and Periodontal Disease" in Grant and Stern (Eds.) Periodontics Lippincott, Philadelphia, PA, pp.171-197, 1979

Alfano, M.C. "Changing Perspectives in Nutrition and Caries Research" American Academy of Pedodontics Monograph MEDCOM, New York, NY 1979

- Alfano, M.C. "Effect of Diet and Malnutrition During Development on Subsequent Resistance to Oral Disease" in Wei, S. (Ed.) National Symposium on Dental Nutrition University of Iowa Press, Iowa, pp. 23-35, 1979
- Alfano, M.C., DePaola, D.P. and Menaker, L. "Nutritional Analysis and Dietary Counseling" in Menaker, Navia, Morhart (Eds.) The Biologic Basis of Dental Caries Harper and Row, Hagerstown, MD, pp. 343-364, 1980
- DePaola, D.P. and Alfano, M.C. "Diet and Oral Health" in Source Book on Food and Nutrition 2nd Ed., Marquis, Chicago, IL, pp. 363-370, 1980
- Alfano, M.C. "Nutrition in Periodontal Diseases" in Slavkin, H.C. (Ed.) Recent Advances in Nutrition for the Health Professions USC Press, Los Angeles, LA, pp. 160-180, 1980
- Alfano, M.C. "Eating for Healthy Teeth" *Chemtech* 11:562-565, 1981
- Alfano, M.C., and Lamster, I.B. "The Oral Health Research Center: Four Years of Progress" *The DIALOG* 14:2-6, 1982
- Alfano, M.C. "Changing Concepts of Diet and Dental Caries" in Storey, E. (Ed.) Diet and Dental Caries Univ. of Melbourne Press, pp. 22-23, 1983
- Alfano, M.C. "Introduction to Research Alliances" in Proceedings: Industry, University, Government Biomedical Research Alliances in the Public Interest. J. of NIH Res., 1991
- Alfano, M.C. "Guest Editorial: The AADR, the Dental Industry and Their Constituencies" *J. Dent. Res.* 72:1458-1459, 1993
- Alfano, M.C. "Wither Oral Medicine...Enter Ann Landers" [Guest Editorial] *Dental Abstracts*: 43: 4-5, 1998
- Alfano, M.C. COMMENTARY - "oral-cancer.org: A Website, with Foresight, to Incite" *Dental Abstracts*: 44:194-196, 1999
- Alfano, M.C. "Use them or loose them": *ASDA News*: 29:2 (Issue 10), December, 1999

D. AUDIOVISUAL TEACHING AIDS

- Alfano, M.C. and Hazen, S. "Controversies in Periodontics: Nutrition": Cassette Tape Series American Academy of Periodontology, 1976
- DePaola, D.P. and Alfano, M.C. "Diet and Dental Health": Cassette-A-Month Tape Program American Dietetic Association Cam 6, 1978

Alfano, M.C. "Changing Perspectives in Nutrition and Caries Research MEDCOM, Inc. (30 minutes film and self-study exam), 1979

Alfano, M.C. "Sweeteners: Nutrition and Dental Caries" Institute of Food Technologists, Annual Audiotapes #331, 1979

XI. STATE DENTAL LICENSES

1971 Massachusetts _____

1974 New Jersey _____

1999 New York _____

XII. GUEST LECTURES AND COURSES ATTENDED

More than 150 guest lectures and courses have been presented in the United States and abroad. These have included lectures at the NIH, numerous nutrition, food science and health agencies and professional groups, a score of dental schools as well as overseas presentations in Australia, Belgium, Brazil, Columbia, England, France, Japan, the Netherlands, and Puerto Rico.

XIII. PATENTS

Gardella, J., Ciepierski, C., Alfano, M.C. and Change, T.:
"Reciprocating Dental Prophylactic Angular Device"
U.S. Patent #4,544,356, October 1, 1985

Alfano, M.C.:
"Dental Tool Handle"
U.S. Patent #Des. 290,509, June 23, 1987
U.K. Patent #1033949

Yeh, K.C., Sena, F. and Alfano, M.C.:
"Compositions and Method for the Treatment of Disease"
U.S. Patent #5,032,384, July 16, 1991

Chang, T., Kanapka, J., and Alfano, M.C.:
"Taste Preserving Mild Oral Hygiene Compositions"
U.S. Patent #5,120,528, June 9, 1992
E.U. Patent #92305264
S.P. Patent #2,069,380

Alfano, M.C., Synodis, J., Smetana, A., Leight, R., Yeh, K.:
"Taste Masked Desensitizing Compositions"
U.S. Patent # 5,939,048, August 17, 1999

Troullos, E., and Alfano, M.C.:
"Bone Regeneration"
U.S. Patent #5,902,110, May 11, 1999

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